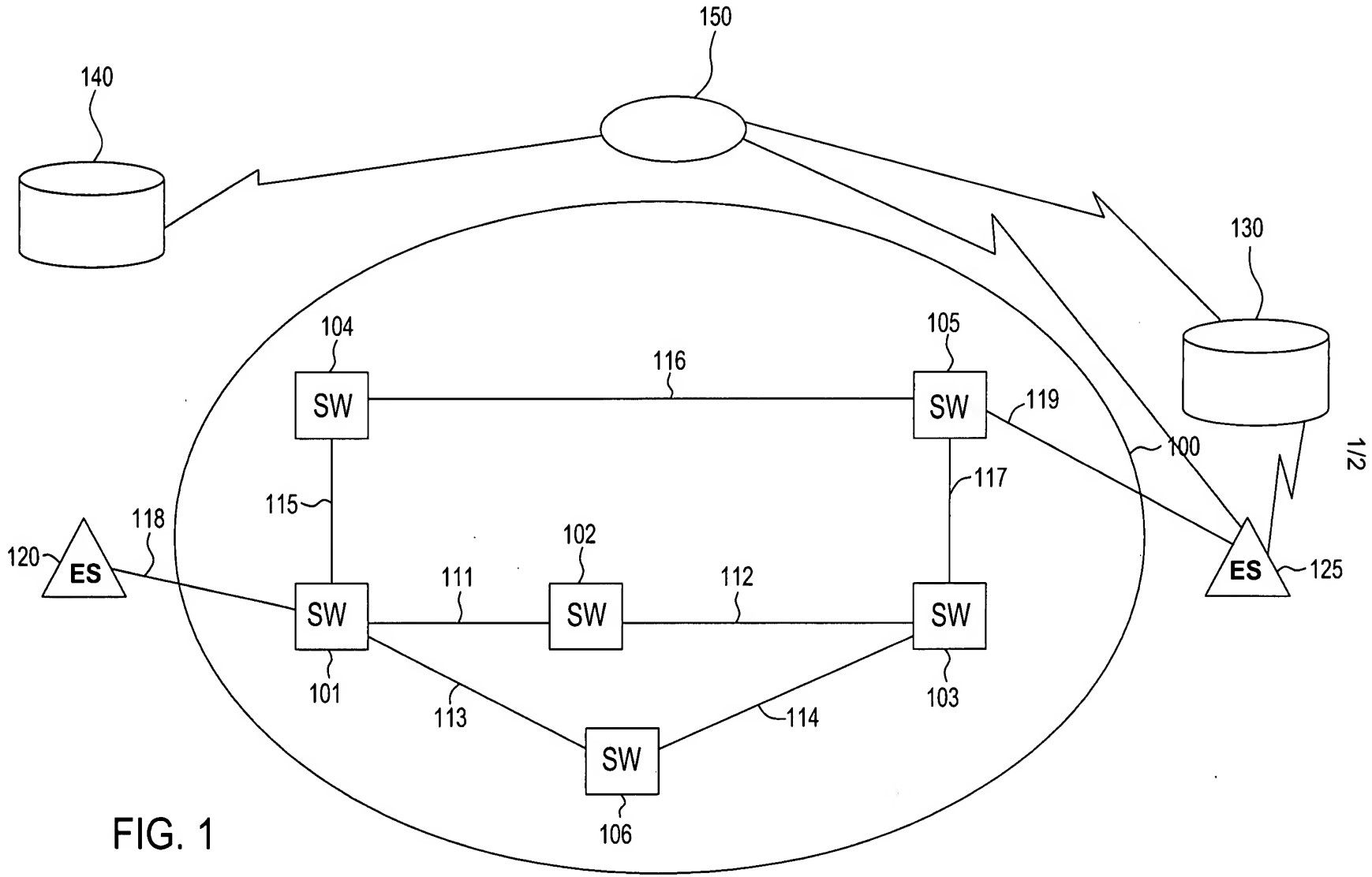
150
140
130
104
105
116
SW
SW
119
100
117
115
118
120
ES
102
111
112
SW
SW
SW
ES
125
101
103
113
114
SW
106

FIG. 1

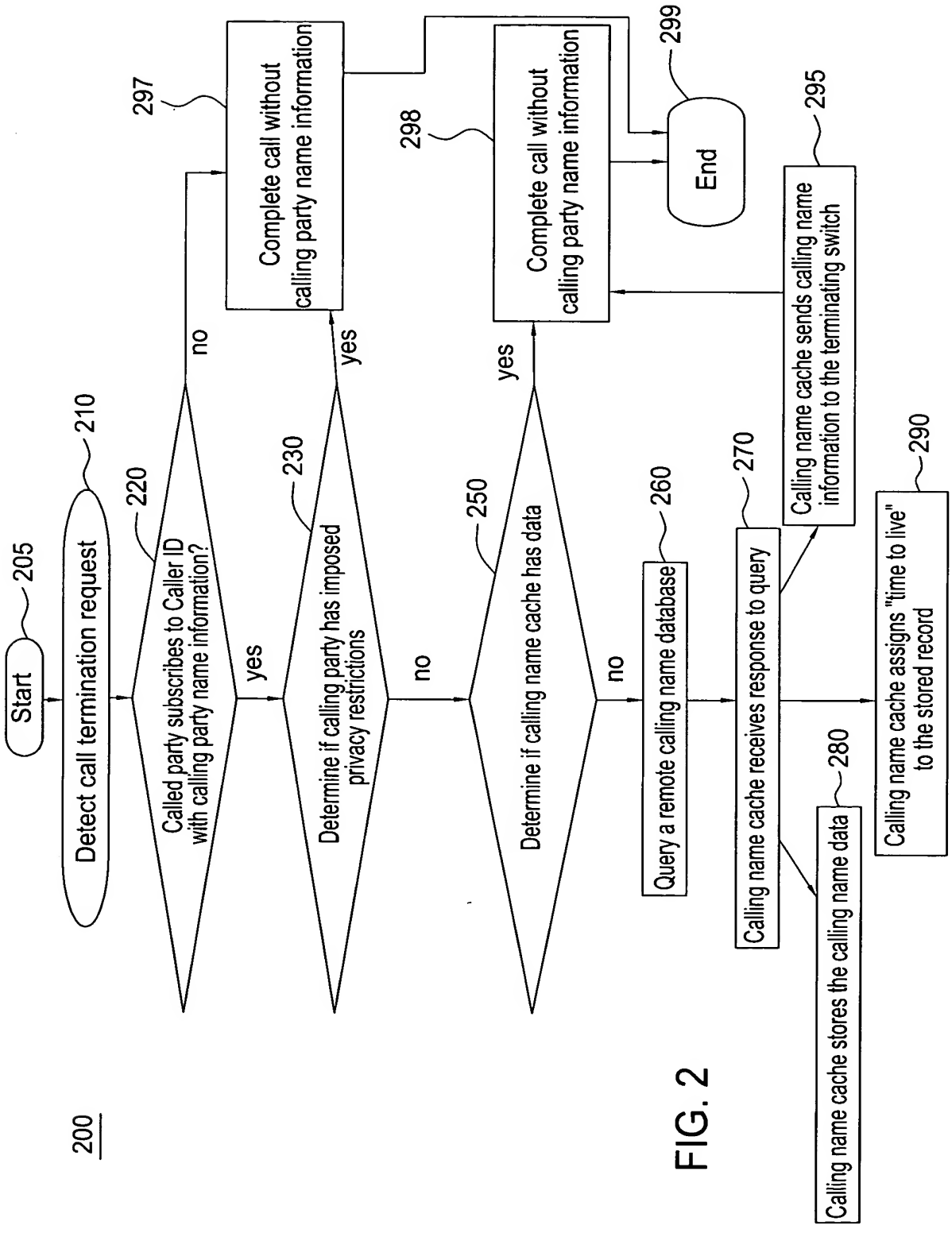
200
Start
205
Detect call termination request
210
Called party subscribes to Caller ID with calling party name information?
220
yes
no
Determine if calling party has imposed privacy restrictions
230
yes
no
Determine if calling name cache has data
250
yes
no
Query a remote calling name database
260
Calling name cache receives response to query
270
Calling name cache stores the calling name data
280
Calling name cache assigns "time to live" to the stored record
290
Calling name cache sends calling name information to the terminating switch
295
Complete call without calling party name information
297
Complete call without calling party name information
298
End
299

FIG. 2